

Result No.	Score	Query %		DB	ID	Description
		Match	Length			
1	4838.5	98.5	918	4	US-09-041-886-11	Sequence 11, Appl
2	2429	49.5	452	4	US-08-764-870-16	Sequence 16, Appl
3	2429	49.5	452	4	US-08-980-115-16	Sequence 16, Appl
4	1261	25.7	933	4	US-08-764-870-14	Sequence 14, Appl
5	1261	25.7	933	4	US-08-980-115-14	Sequence 14, Appl
6	1127	22.9	363	6	5223606-6	Patent No. 5223606
7	1078.5	22.0	984	4	US-08-764-870-15	Sequence 15, Appl
8	1078.5	22.0	984	4	US-08-980-115-15	Sequence 15, Appl
9	1066	21.7	1070	4	US-09-091-042A-2	Sequence 2, Appl
10	1085	21.7	795	1	US-07-716-827C-5	Sequence 5, Appl
11	1042	21.2	777	4	US-08-764-870-13	Sequence 13, Appl
12	1042	21.2	777	4	US-08-980-115-13	Sequence 13, Appl
13	959.5	19.5	356	6	5223606-7	Patent No. 5223606
14	795	16.2	154	4	US-09-041-886-32	Sequence 32, Appl
15	644.5	13.1	534	3	US-08-765-223-8	Sequence 8, Appl
16	644	13.1	284	2	US-08-592-214A-24	Sequence 24, Appl
17	644	13.1	284	3	US-09-149-976-24	Sequence 24, Appl
18	636	12.9	284	3	US-08-659-188-20	Sequence 20, Appl
19	636	12.9	284	3	US-08-655-227-20	Sequence 20, Appl
20	636	12.9	284	3	US-08-655-241-20	Sequence 20, Appl
21	636	12.9	284	4	US-09-398-326-20	Sequence 20, Appl
22	484.5	9.9	596	2	US-08-836-620A-16	Sequence 16, Appl
23	481	9.8	595	4	US-08-764-870-12	Sequence 12, Appl
24	481	9.8	595	4	US-08-980-115-12	Sequence 12, Appl
25	478	9.7	591	2	US-09-836-620A-17	Sequence 17, Appl
26	478	9.7	595	4	US-08-041-886-35	Sequence 35, Appl
27	478	9.7	595	4	US-08-453-998-2	Sequence 2, Appl


```

; APPLICANT: West, Brian L.
; APPLICANT: Shiao, Andrew K.
; TITLE OF INVENTION: NUCLEAR RECEPTOR LIGANDS AND LIGAND BINDING DOMAINS
; FILE REFERENCE: UCAL-246/02US
; CURRENT APPLICATION NUMBER: US/08/980,115
; CURRENT FILING DATE: 1997-11-26
; EARLIER APPLICATION NUMBER: 08/764,870
; EARLIER FILING DATE: 1996-12-13
; EARLIER APPLICATION NUMBER: 60/008,606
; EARLIER FILING DATE: 1995-12-14
; EARLIER APPLICATION NUMBER: 60/008,543
; EARLIER FILING DATE: 1995-12-13
; EARLIER APPLICATION NUMBER: 60/008,540
; EARLIER FILING DATE: 1995-12-13
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 14
; LENGTH: 933
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: DOMAIN
; LOCATION: (659)..(918)
; OTHER INFORMATION: minimal ligand binding domain
; US-08-980-115-14

Query Match      25.7%; Score 1261; DB 4; Length 933;
Best Local Similarity 34.1%; Pred. No. 8e-85;
Matches 346; Conservative 128; Mismatches 318; Indels 224; Gaps 34;

QY 125 LECHPERGCVPECAVAASKG--LPQOLPAPDDEDSAAPSTLSILGTFP-----GL 176
Db 128 -----QSPPACEVTSSWCLFGPELP-----EDPPAAPATQVLSPLMSRSCKVGD 174
QY 177 SSCSADLKDLISE--ASTMQLL-----QQOQOEAVS--EGSSSGRAREASG 218
Db 175 SSGTAAAHKVLPRGLSPARQLLPASESPHWSGAPVKPQFAAAVEEEDSESESAG 234
QY 219 APTSSKDNVLTSTISDNKELCAVSVSMGLG-----VEALEHLSPG 262
Db 235 PLLKGPRAALGGA--AGGGAACPPGAAGGVALVPKEDSRFSAPRVALVEQDAPMAPG 292
QY 263 EQLRG----DCMYAPILGV-----PPAVRPTPCA-- 287
Db 293 RSPLATTVMDFIHVPLPLNHALLAARTQLLEDESYDGGAGAAAFAPP--RTSPCASS 350
QY 288 -PLAECCKSLDDDSAGKSTEDTAE-----YSPFKGGYTKGLESGSCGSAAGSSGTLE 342
Db 351 TPVA--VGDFPDCAYPDAEPKDDAYPLYSDFQPPALK--IKEEEGAESAASPRSS-- 403
QY 343 LPSTLSLYKSGALDEAAAYOSRDYVNFPLALAGPPPPPPHARIKLENPLDYGSWA 402
Db 404 -----YLVAGANPAA-----FPDFPL--GPPPLP 427
QY 403 AAAACRYGDLASLHGAGAGPGSGSPSAASSSWH---TLFTAE-----EGOLYGPCGG 454
Db 428 -RATPSRPE-----AAVTAAPASASVSSASSSGSTLECLYKAECAAPQOQFPAPCK 481
QY 455 GGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG 514
Db 482 APGASGCLLPRLGLPSTSNAAAAGA--APALY--PALGLNG-----LPOLGYQAAVLKE 532
QY 515 -VPYSPCTCVKSEMGPMWDSYSGPYGDMRLETARDHVLPIDYFP--POKTCCLICGDEAS 571
Db 533 GLPQVYPPYL--NYLRPDSEASQSP-----QYSFESLPQKICLICGDEAS 575
QY 572 GCHYGALTCGCKVFFKRAAEQKQYLCASRNDCTIDKFRKNCPCSLRCKCYEAGMTLG 631
Db 576 GCHYGVLTCGCKVFFKRAEAGQYVLCAGRNDCTVDKIRKNCPCACRLRCKCQAGMVLG 635
QY 632 ARKLKGLNKLQOEEGEASSTSP-----TEETQKLTVSHIEGYECOPIFLNVLEAIE 685
Db 636 GRKFKFNKVRVVRALDAVALPQLGVPNESQALSORTFSPGQDIQLIPPLINLLMSIE 695
QY 686 PGVVCAGHNNODSFAALLSINELGEROLVHVYKAKALPGFRNLHVDQMAVIOYSW 745
Db 696 PDVIYAGHDNTKPTSSLLTSNLQGERQLLSVVKWSKSLPGFRNLHDDQITLIQYSW 755
QY 746 MGLMVFAMGRSTNNSRMLYFAPDLVENEYRMHKSRYMYSOCVVRHLISOEFGLWLTTP 805
Db 756 MSLMVFGLGWRKYKHVSQGMQLYFAPDLILNEQRMKESYSCLTMWQIPQEFVKLVQSQ 815
QY 806 QEFCLMALLFSITIPVDGLKNQKQFDELRMNYIKELDRIIACKRKRNPTSCSRREYQLT 865
Db 816 EEFCLMVLKLLNTIPLEGRSQTOFEEMRSSYIRELIAGLRQGVSSSQRYQLT 875
QY 866 LLDVSQPTARELHOFTFDLLIKSHMVSVDPEMMAEIIISVQPKILSGKVKIYH 921
Db 876 LLDNLHLVKQLHLYCLNTFTQSRALSVEPFEMMSEVIAAQLPKILAGMVKPLLFH 931

RESULT 5
US-08-980-115-14
; Sequence 14, Application US/08980115
; Patent No. 6266622
; GENERAL INFORMATION:
; APPLICANT: Scanlan, Thomas S.
; APPLICANT: Baxter, John D.
; APPLICANT: Fletcher, Robert J.
; APPLICANT: Wagner, Richard J.
; APPLICANT: Kushner, Peter J.
; APPLICANT: Apriletti, James W.
```

QY 572 GCHYGALTCGCKVFFKRAEGKQKYLCAERNDCITDKFRKNCPCRLRKYCAAGMTLG 631
Db 576 GCHYGVLTCGCKVFFKRAEGKQKYLCAGRNDCIYDKIRKNCPCACRLKCCQAGWLG 635
QY 632 ARKKLKNLKLQEGEASSTSP-----TEETOKLTVSHLEGECOPILNVLAE 685
Db 636 GRKFKFNKRVVRALDAVALPQPLGVNQSALSORFTSPGODIOLPLINLMSTE 695
QY 686 PGVVCAGHNNQDPSFAALLSSNELGERQLVHVVKWAKALPGFRNLHVDQMAVIOYSW 745
Db 696 PDVIYAGHDNTKPTSSSLTSLNQLGERQLLSVVKWSKSLPGFRNLHVDQITLIQYSW 755
QY 746 MGLVFMANGWRSTNVNRMXYFAPDLVFNVEYRMHKSRYSOCVRRHLSQEFGLQITP 805
Db 756 MSLVFLGWRSKYKHSVGMXYFAPDLINELQRMKESSEFYSCLTWMQIPOEFVKLVQS 815
QY 806 QEFELCKMALLFSLIIPVDGLKNQKFDLRYMYIKELDRITACKRNKPTSCRRFYQLTK 865
Db 816 EEFELCKMVLILLNTIPLEGISOTOFEMRSSYIRELIKAIGLRQKGVVSSQRFYQLTK 875
QY 866 LIDSVOPIARELHQFTFDLLIKSHMVSDVPEMMAEIIISVOVPKILSKVAPYIFH 921
Db 876 LLDNLHDLVKQLHLCLNTFIQSRLSVSEFFEMMSEVIAAQLPKILAGWVKPLLF 931

RESULT 6
5223606-6
; Patent No. 5223606
; APPLICANT: BLAUDIN DE THE, HUGHES; MARCHIO, AGNES; TIOLLAIS,
; PIERRE; DEJEAN, ANNE
; TITLE OF INVENTION: STEROID/THYROID HORMONE RECEPTOR-RELATED
; PROTEIN INAPPROPRIATELY EXPRESSED IN HUMAN HEPATOCELLULAR CARCINOMA
; NUMBER OF SEQUENCES: 11
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/134,130
; FILING DATE: 17-DEC-1987
; PRIOR APPLICATION DATA:
; SEQ ID NO:6
; LENGTH: 363
5223606-6

Query Match 22.9%; Score 1127; DB 6; Length 363;
Best Local Similarity 56.0%; Pred. No. 1.7e-75;
Matches 202; Conservative 72; Mismatches 85; Indels 2; Gaps 1;
QY 563 CLICGDEASGCHYALTCGCKVFFKRAEGKQKYLCAERNDCITDKFRKNCPCRLR 622
Db 1 CLICGDEASGCHYALTCGCKVFFKRAEGKQKYLCAERNDCITDKFRKNCPCRLR 60
QY 623 CYEAGWTLGARKLKLGNLKLQEGEASSTSP--EETTKLTVSHLEGECOPILN 680
Db 61 CCQAGWVLGGRKPKFKVVRMALDAVALPAPVGPINQSQRITFSPQEIQLPPLINL 120
QY 681 LEATEPGVVCAGHNNQDPSFAALLSSNELGERQLVHVVKWAKALPGFRNLHVDQMAV 740
Db 121 LMSIEPDVIYAGHDNTKPTSSSLTSLNQLGERQLLSVVKWSKSLPGFRNLHVDQITL 180
QY 741 IQYSWGLVMFANGWRSTNVNRMXYFAPDLVFNVEYRMHKSRYSOCVRRHLSQEFGL 800
Db 181 IQYSWGLVMFANGWRSTNVNRMXYFAPDLVFNVEYRMHKSRYSOCVRRHLSQEFGL 800
QY 801 LQITPOEFLCMKALLFSLIIPVDGLKNQKFDLRYMYIKELDRITACKRNKPTSCRRF 860
Db 241 LQVQSQEEFLCMKALLFSLIIPVDGLKNQKFDLRYMYIKELDRITACKRNKPTSCRRF 300
QY 861 YQLTKLDSVQIARELHQFTFDLLIKSHMVSDVPEMMAEIIISVOVPKILSKVAPYIFH 920
Db 301 YQLTKLDSVQIARELHQFTFDLLIKSHMVSDVPEMMAEIIISVOVPKILSKVAPYIFH 920
QY 921 H 921
Db 361 H 361

RESULT 7
US-08-764-870-15
; Sequence 15, Application US/08764870
; Patent No. 6236946
; GENERAL INFORMATION:
; APPLICANT: Scanlan, Thomas S
; APPLICANT: Baxter, John D
; APPLICANT: Fletterick, Robert J
; APPLICANT: Wagner, Richard L
; APPLICANT: Kushner, Peter J
; APPLICANT: Apriletti, James W
; APPLICANT: West, Brian
; TITLE OF INVENTION: Nuclear Receptor Ligands and Ligand
; TITLE OF INVENTION: Binding Domains
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward
; STREET: Five Palo Alto Square, 3000 El Camino Real
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/764,870
; FILING DATE: 13-DEC-1996
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/008,540
; FILING DATE: 13-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/008,543
; FILING DATE: 13-DEC-1995
; APPLICATION DATA:
; APPLICATION NUMBER: US 60/008,606
; FILING DATE: 14-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Nakamura, Jackie N
; REGISTRATION NUMBER: 35,966
; REFERENCE/DOCKET NUMBER: UCAL-246/0105
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650)843-5000
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 984 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-764-870-15

Query Match 22.0%; Score 1078.5; DB 4; Length 984;
Best Local Similarity 32.8%; Pred. No. 2.6e-71;
Matches 300; Conservative 101; Mismatches 254; Indels 259; Gaps 30;
QY 98 SPQAHRRGPTGYL-----VLDEEQP-SQPQSALECHPERGCVPEP-----GAAVAASK 145
Db 238 SPNAENRGRSHRSPAHASNVGSPLSPLSSMKSSISSPPSHCSKSPVSPNNVTLKSSV 297
QY 146 GLPQOL-----PAPDEDD-----SAASTL-SLGP-----TFPGLSSCSADLKD 185
Db 298 SSPANNRSCVSPSPNTNRSTLSSPAASTVGSICSPVNNAFSTAGTSAGSSTLRD 357
QY 186 ILSEASTNQLLOQO-----QQEAVSEGSSSGRA-----REASGAPTSKDNVLGCT 231
Db 358 VVPSPTQKGAQVPPFKTEEVESALNSVGTQNLNIVQYIKPEPDCAFSSS---CLGN 414

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; EARLIER FILING DATE: 1995-12-14
; EARLIER APPLICATION NUMBER: 60/008,543
; EARLIER FILING DATE: 1995-12-13
; EARLIER APPLICATION NUMBER: 60/008,540
; EARLIER FILING DATE: 1995-12-13
; EARLIER FILING DATE: 1995-12-13
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 15
; LENGTH: 984
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: DOMAIN
; LOCATION: (695)..(969)
; OTHER INFORMATION: minimal ligand binding domain
;
; Query Match      22.0%; Score 1078.5; DB 4; Length 984;
; Best Local Similarity 32.8%; Pred. No. 2.6e-71;
; Matches 300; Conservative 101; Mismatches 254; Indels 259; Gaps 30;
;
; QY   98 SPOARRRGPTGYL-----VLDEEQP-SQPSALECHPERGCVPEP-----GAAYAAASK 145
;       ||| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :||
; Db   238 SPNANGGRSHSPAHASNVGSPLSPLSSMKSSIPSSHCSVKSVSPNNVTLKSSV 297
;
; QY   146 GLPOOL-----SAPSTL-SILGP-----TFPGLSSCADLKD 185
;       ||| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :||
; Db   298 SSPANINNSRCSVSNTNNRTLSPPAASIVGSICFVNNAFSYATSGTSAGSSLRD 357
;
; QY   186 ILSEASTMQLQQO----QOEAYSEGSSGRA-----REASGAPTSSKDNYLGST 231
;       ||| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :||
; Db   358 VYPSPDTQEKGAQEVPPKTEEVESAISNGVTGOLNIYOVIKPEDPGAFSS--CLGN 414
;
; QY   232 STISDNAKELCKAVSYMGLGVREALHLSFGELRGDCMYAPLLGVPPAVRPPTCAPLAE 291
;       ||| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :||
; Db   415 SKINDS-----SFVPYIKQSTHKSCGTSGKN-----PTVNPFP----- 451
;
; QY   292 CKGSLDDSDAGKSTEDTAEY--SPFKGYTKGLEBSLCSCSAAGSSGTTLELPSTLSL 349
;       ||| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :||
; Db   452 ----FMDCSYFMDKDYLSLSILGPPVPGFDG---NCEGS----- 487
;
; QY   350 YKSGALDEAAYQRDIYNFFPLAGPPPPPHPHARIKLENPLIDYGSAAAAAOQR 409
;       ||| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :||
; Db   488 -----GFPPVGIKQEP-----DDGS----- 501
;
; QY   410 YGDLASHLGAGAAGPGSGSPSAAAASSWHTLFTAEBQLYPCGGCGGGGGGGGGG 469
;       ||| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :||
; Db   502 YYPEASIPSSAIVGNSG-----QGSPHY----- 525
;
; QY   470 GGGGGGGEAGVAPGYTRPPQGLAQGESDFTAPDVWYPGMWVRYPYPTCVKSEMGP 529
;       ||| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :||
; Db   526 -----RICAOGTISLSKSANDQSQFH-----LSSFP-PVNTLVES----- 559
;
; QY   530 WMDYSGPYGDMRLFTARDHVLPIDYFP-----PKTCLTCGDEASG 572
;       ||| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :||
; Db   560 WKS-----LSSRRSDGYPVLEVITYPENVSSSTLRSVTGSSRSRKICLVGDEASG 612
;
; QY   573 CHYGALTGCSCKYFFKRAEGOKYLCASRNDCTIDKFRNKCPSCRLLRCYEAGMTLGA 632
;       ||| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :||
; Db   613 CHYGWTVTGCCKYFFKRAVEGOHNLYCAGRNDCTIDKIRKNCFACLRQKCLQAGMNLA 672
;
; QY   633 RKLKKLNK-LQEEGEASS-----TTSPTETT-----QKLTVSH 667
;       ||| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :||
; Db   673 RKSKLKLKGIIHEEQPQQQPQQPPPPPPPPPEEGTITYIAPAKEPSVNTALVPOLSTISR 732
;
; QY   668 IEGYECOPIFNLVLEALEPCVCACGHNDNQDPFAALLSSLNELGERQLVHVWKAKALP 727
;       ||| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :||
; Db   733 ----ALTPSPVMVLENIEPIVTAGDSSKPDTAENLLSTLNRLAGKOMIQVWKAKVLP 788
;
; QY   728 GFRLNHVDQMAVIOYSMGLAMVFAMGWRSPTFNVNSRMILYFAPDLVFNFEYBWHKSRYSQ 787
;       ||| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :|| :||
; Db   789 GFKNLPLEDQITLLQYSWMCLSSFALSWSRYKHTNSQFLYFAPDLVFNFEKHOSAMYTEL 848
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[illegible]

QY 788 CVMRHLSEFQWLTQPOEFLCMKALLFSIIPVDGLKNOKEFDELRMNLIKELDRITA 847
 Db 849 CQMHQISQVRQLFEETIMKVLILLSTIPKDLKSOAAFEEMRTNLIKELKMT 908
 QY 848 CKRNPTSCSRFQYQLKLDSDVOPIARELHOFTEDLLIKSHMVSDFFPMMAEISVOV 907
 Db 909 KCPNNSGQWQRFQYQLKLDSDVLLFEFTFFRESHALKVEFPAMLEVISDQL 968
 QY 908 PKILSGVKPIYFH 921
 Db 969 PKVESGNAPLYFH 982

RESULT 9
 US-09-091-042A-2
 ; Sequence 2, Application US/09091042A
 ; Patent No. 6455300
 ; GENERAL INFORMATION:
 ; APPLICANT: The Government of the United States of America
 ; as represented by the Secretary
 ; Department of Health and Human Services
 ; Washington, D.C.
 ; Htan Ph.D., Han
 ; Hager Ph.D., Gordon L.
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MONITORING
 ; DNA BINDING MOLECULES IN LIVING CELLS
 ; NUMBER OF SEQUENCES: 9
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Needle & Rosenberg
 ; STREET: 127 Peachtree Street, Suite 1200
 ; CITY: Atlanta
 ; STATE: Georgia
 ; COUNTRY: USA
 ; ZIP: 30303
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent in Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/091,042A
 ; FILING DATE: 08-Jun-1998
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/008,373
 ; FILING DATE: 08 Dec 1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Selby, Elizabeth
 ; REGISTRATION NUMBER: 38298
 ; REFERENCE/DOCKET NUMBER: 14014.0183
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 404-688-0770
 ; TELEFAX: 404-688-9880
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 1070 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 2:

US-09-091-042A-2
 Query Match 21.7%; Score 1066; DB 4; Length 1070;
 Best Local Similarity 32.0%; Pred. No. 2.5e-70;
 Matches 314; Conservative 110; Mismatches 268; Indels 288; Gaps 35;
 QY 20 RGAFONLFQSVR---EVIONPGPRHPEAASAPPGCASILLI-----QQQQQQQQQQQ 68
 Db 299 RGSVMDFYKSLRGATVKVSASSPSVAASQADSKQRIILLDFKSGTSNVQQRQQQQQ 358
 QY 69 QQQQQQQQQQQQQQQQQTSP-----RQQQQQQQED-GSPQHR---RGPTGLVL 112
 Db 359 QQQQQQQQQQQQQQQPGLSKAVSLMGLYMETETKVMGNDLGYPQQQLGLSSGETDFRL 418

QY 113 DE-----EQOPSOPOALECHPERGCVPEPGAAVAASKGLPOOLPAPPDPPDSDAAPTSL 167
 Db 419 EESTANLNRTSVPEPKSTSATGC-----ATPEKE-----451
 QY 168 LLGPTPGLSSCADKLDLSEASTMQLLQOQQQEAASVSGSSGRAREAGAPTSSKDN 227
 Db 452 -----FPKTH-----SDASS-----EQNRKSTGTNGG-----SVKLY 480
 QY 228 LGGTSTISDNAKELCKAVSMGLVEALEHLSPOEQLRGDCMYAPLGLVPAVRPTPCA 287
 Db 481 PTQSTF-----DLKDLFSAG-----SPSKDTNESPWRSDDL-----IDENLLS 521
 QY 288 PLA-----ECKSLDDDSAG--KSTEDTAESP-----PKGG 317
 Db 522 PLAGEDDPFLEGGNTNEDCKPLILPDKIKDTGDTLLSPSSVALPOVTEKDDIEL 581
 QY 318 YTKG-LEGESLG--CSGSAAGSGTLELPSTLS-----LYKSGA-----LDEAAAY 361
 Db 582 CTFGVIKQKLGIVYQ-----ASFSGTNIIGNKMSAISVHGVTSGGMVHYDMNTASLS 637
 QY 362 QSRDYNNFLALAGPPPPPPPPHARIKLENPLDYGSAWAAAAACRYGDLASLHGAGA 421
 Db 638 QQOD--QKPVENVIPIP-----VGSN-----W-----NRQ-----663
 QY 422 AGPGSGSPSAASSWHTLFTAEGQLYPCGGGGGGGGGGGGGGGGGGGGGGGGGAGAV 481
 Db 664 ---GSGEDSLTSL-----GALNFP-----GRSV 683
 QY 482 APYGYTRPPQGLAQESDFTAPDVWYPCGMVSRVYPSPTCVKSEMPWMDSYSGPYGDM 541
 Db 684 FSGYSSP-----GMRPDVSP-----PS-----SSAATG--709
 QY 542 RLETARDHVLPIDYFPPOKTLICGDEASGCHYGALTGCKVFFKRAAGKOKYLCA 601
 Db 710 -----PPKLCVCSDEASGCHYGLTGCSCVFFKRAVEGHNLYCAG 753
 QY 602 RNDCTIDFRKNCPSRLKCYEAGMTLGARKLKLGNLKLOEAGEASTTSPTEETQ 661
 Db 754 RNDCTIDKIRKNCPCRYKCLQAGNLEARKTK-----KINGIQOATAGVSQDTSNP 809
 QY 662 KLTVSHIEGYEQPIFLNLEAIEPGVVCAGHDNDNDPSFAALLSSLNELGERGLVHV 721
 Db 810 NKTIVPAALPQLTTLVSLLEVEPEVLVAGVDSVPDSAWRIMTTLNMLGRCQVIAVK 869
 QY 722 WAKALPGERNLHVDDQMAVIOISWMLAVFAMGWSFTNVNSRMLYFAPDLVFNRYMHK 781
 Db 870 WAKAILGLRLHDDQMTLLQYSWMLFALGWSYRQSSGNLLCFAPDLINQRM 929
 QY 782 SRMYSQVCMRHLSEFQWLTQPOEFLCMKALLFSIIPVDGLKNOKEFDELRMN 841
 Db 930 PGMYDOCKHMLFVSSQLQRYSEYELCKMTLLILSSVPKGLKQBELFEIRTYIKE 989
 QY 842 LDRIACKRKNPTSCSRFQYQLKLDSDVOPIARELHOFTEDLLIKSHMVSDFFPMMAE 901
 Db 990 LKAIIVREGNSQNNQRYQLTKLDSMHEVVENLLTYCFQTFDLTKM--GIEPEMLAE 1048
 QY 902 IISVQVPKILSGVKPIYFH 921
 Db 1049 IITNQIPKYSNGNIKKILFH 1068

RESULT 10
 US-07-716-827C-5
 ; Sequence 5, Application US/07716827C
 ; Patent No. 5215916
 ; GENERAL INFORMATION:
 ; APPLICANT: Simons Jr., Stoney S.
 ; APPLICANT: Yamamoto, K. R.
 ; APPLICANT: Chakraborti, P. K.
 ; APPLICANT: Garabedian, M. J.
 ; TITLE OF INVENTION: SUPER GLUCOCORTICOID RECEPTORS
 ; NUMBER OF SEQUENCES: 5

us-09-497-822c-19.rai

Fri May 9 14:20:42 2003

CORRESPONDENCE ADDRESS:
ADDRESSEE: Cushman, Darby & Cushman
STREET: Eleventh floor, 1615 L Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20036-5601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/716,827C
FILING DATE: 19910619
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Scott, Watson T.
REGISTRATION NUMBER: 26,581
REFERENCE/DOCKET NUMBER: WTS/5683/84453
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)8613000
TELEFAX: (202)822-8944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 795 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
US-07-716-827C-5

Query Match 21.78; Score 1065; DB 1; Length 795;
Best Local Similarity 32.08; Pred. No. 1.9e-70;
Matches 314; Conservative 110; Mismatches 268; Indels 288; Gaps 35;
QY 20 RGAQNLFQSVR--EVIONGPRHRAAASAPPGASILLI-----QQQQQQQQQQQ 68
DB 24 RGSVMDFYKLRGGATVKVSASSVAASQADSKQRIILLDFSGKSTNVQORQQQQQ 83
QY 69 QQQQQQQQQQQQQQQQQTSP-----RQQQQQQQED-GSPAHR-----RGPTGYLV 112
DB 84 QQQQQQQQQQQQQQQQQGLSKAVLSMLYMETETKVMGNDLGYPOOQGLGSSGTDPRLL 143
QY 113 DE-----EQPQPOQSALECHPERGCVPEGAVAASKGLPQLPAPPPEDDSDAAPTSL 167
DB 144 EESIANLNSTSVENPKSSTATGC-----ANPTEKE----- 176
QY 168 LLGPTPGLSSCSADLKDILSEASTMQLQQQQQAVSEGSSSGRAEASGAPTSSKDN 227
DB 177 -----FPKTH-----SDASS-----EQNRKSTGTNGG-----SVKLY 205
QY 228 LGTSTISDNKELCKAVSVSMGLGVEALEHLSGQELRGDCWAPLLGVPVAVRPTPCA 287
DB 206 PTDQSTF-----DLKDLFSAG-----SPSKDTNESPWSDDL-----IDENLLS 246
QY 288 PLA-----ECKGSLDSDAG--KSTEDTAYSP-----FKGG 317
DB 247 PLAGEDDPFLEGTNEDCKPLIPDTKPKIKDTGTILSSPSSVALPQVTKEDDFIEL 306
QY 318 YTKG-LEGESIG--CSGSAAGSGTLELPSTLS-----LYKSGA-----LDEAAAY 361
DB 307 CTGVIKOEKLGVPYCO-----AFSGTNIIGNKMSAISVHGYSTSGQMYHYDMTASIS 362
QY 362 QSRDYNNFPLALAGPPPPPPPPHARIKLENPLDYGSAAWAAACQYGDILASLHAGA 421
DB 363 QQQD--QKPVFNVPPIP-----VGSN-----W-----NRCQ----- 388
QY 422 AGPGSGSPSAASSWHTLTAEAGQLYGCGGGGGGGGGGGGGGGGGGGGGGGGAGAV 481
DB 389 ---GSGEDSLTSL-----GALNFP-----GRSV 408
QY 482 APYGYTRPQGLAQESDFTAPDWWYFGMVSRVYPPSPFCVKSEMGPMWDSYSGPYGDM 541

Db 409 FSNGYSSP-----GMRPDVSSP-----PS-----SSAATG-- 434
QY 542 RLETAARDHVLFDIDYFFPQKTCCLICGDEASGCHYGALTGCGSKVFFKRAAEGKOKYL 601
DB 435 -----PPKLCCLVCSDEASGCHYGLTGCCKVFFKRAVEGQHNLVLCAG 478
QY 602 RNDCTIDKFRKNCPSRLRCYECAGMTLGARKLKLGNLKLQEGEGASSTTSPTET 661
DB 479 RNDCLIDKIRKNCPCRYRKLQAGMNLARKTK-----KIKIQOATAGVSODTSEN 534
QY 662 KITVSHIEGECQPIFLNVLEAIEPGVVCAGHNNOPDSFAALLSSNELGEROLVHV 721
DB 535 NKTIVPAALPQLTPTTLLSLEVIEPEVLYAGTSDSPDSANRIMTLLNMLGGROVIA 594
QY 722 WAKALPGERNLHVDQMAVIOYSNMGLMVFAMGMRSTFNVNSRMLYFAPDLVFN 781
DB 595 WAKAILGLRNLHLDQMTLLQYSWMLAFALGWRYSRQSSGNLLCFAPDLIIN 654
QY 782 SRMYSQCVMRHLISQEFGLWLTPOEFFLCMKALLLFIIPVDGLKNQKFFDEL 841
DB 655 PCMYDOCKHMLFVSSSELQRLQVSYEYLCKMTLLLLSSVPKGLKSOELFDEIR 714
QY 842 LDRLIACKRKNPTSCSRREFYQLTKLDSVQPIARELHOFTFDLLIKSHMVSD 901
DB 715 LGRALVKREGNSQNRQRYQLTKLDSMHVEVNLTYCFOTFLDKTM--STEP 773
QY 902 IISVQVPEKILSGKVKPIYFH 921
DB 774 IITNQIPKYSNGNIKLLFH 793
RESULT 11
US-08-764-870-13
Sequence 13, Application US/08764870
Patent No. 6236946
GENERAL INFORMATION:
APPLICANT: Scanlan, Thomas S
APPLICANT: Baxter, John D
APPLICANT: Fletterick, Robert J
APPLICANT: Wagner, Richard L
APPLICANT: Kushner, Peter J
APPLICANT: Apriletti, James W
APPLICANT: West, Brian
TITLE OF INVENTION: Nuclear Receptor Ligands and Ligand
TITLE OF INVENTION: Binding Domains
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooley Godward
STREET: Five Palo Alto Square, 3000 El Camino Real
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/764,870
FILING DATE: 13-DEC-1996
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/008,540
FILING DATE: 13-DEC-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/008,543
FILING DATE: 13-DEC-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/008,606
FILING DATE: 14-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Nakamura, Jackie N

REGISTRATION NUMBER: 35,966
REFERENCE/DOCKET NUMBER: UCAL-246/01US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650)843-5000
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 777 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-764-870-13

Query Match 21.2%; Score 1042; DB 4; Length 777;
Best Local Similarity 32.6%; Pred. No. 9.4e-69;
Matches 298; Conservative 95; Mismatches 255; Indels 266; Gaps 31;

QY 121 POSALECHPERGCVPE-----PGAAVAASKGLPOOLPA----- 153
Db 15 PSSVLA--QERGDVMDYKTLRGATVKVSASSPSLAVASQSDSKORLLVDFPKGSVSN 72
QY 154 --PPDEDDSAAPSTLSLLGPT-----FP-----GLSSCSADLKDIILSEASTMQLL 196
Db 73 AQCPDLKSAVLSMGLYMETETKVMNDLGPQQOQISLSSETDLK--LLEESIANL- 129
QY 197 QOOQOEAESGSSGRAREASGAPT-----SSKDNYL-GGTSTISDNK----- 239
Db 130 --NRSTSVPENPKSSASTAVSAAPTEKEFPKTHSDVSEQHKLKGQTGTNGNVKLYTDD 187
QY 240 ----ELCKAVSMGLGVEALEHLSPEQL-----RGD-----CMYAPLGVPPAVRPT 284
Db 188 QSTFDILQLEFSSG-----SPGKETNESPWRSOLLIDENCLLSPLAGE----- 231
QY 285 PCAPLAECKGSLDDDS---AGKSTEDTAETSPFKGYTKGLESGSGSAAAGSGTL 341
Db 232 ----DDSFLEGNSED-----CK-----PL 248
QY 342 ELPSTLSLYKSGALDEAAAYQSDYINPEPLALAGPPPPPPPPHARIKLENPLDYGSAW 401
Db 249 ILPDTKPKIKD-----NGDLVLSPPSNVTLF-----QVKTEKEDFIELCT 288
QY 402 AAAAQCRCYGDV---ASLHGAGAAGPGSGSPSAASSWHTLFTAEQGLYGPCGGGGG 458
Db 289 PGVIOEKRLGTVCQASPPGANITG-----NKMALSIVHGVS----- 327
QY 459 GGGGGGGGGGGGGGGEAGAVPYGYTRPPQGLAQCESDFTAPDV-----W- 506
Db 328 -----GGQM-----YHDMNTASLSQQQDQKPIFNVPPIPVGSENWNR 366
QY 507 -----YPGGMVSRVPYPSPTCVKSEMPWMDSYSGPYGDMRLETARDHV 550
Db 367 CQGGDDNLTSLGTLPFGRTVFSNGYSPPS-----MRP--DYSSPPSSSTATTG- 415
QY 551 LPIDYFPQKTLICGDEASGCHYGALTGCGSKVFKRAAEQKYLCAASRNDCTIDRF 610
Db 416 -----PPPKLCLVCSDEASGCHYGVLTCGCKVFKRAVEQHNKLCAGRNDCLIDKI 468
QY 611 RRKNCPSRLKCYEAGMILGARKLKLGNLKLQEGEASSTSPTEETQ--KLTVSH 667
Db 469 RRKNCPCACRYKCLQACMNLAEARKTK-----KINGIQOATTVGSQETSENPNKTIYP 522
QY 668 IEGECOPIFLNLEATEPGVGCAGHDNNQDPSFAALLSLNELGEQRLVHVVKWAKALP 727
Db 523 ATLQPLTFLVLSLEVEPELVLAGYDSSVPDSTWRTIMTLNMLGROVIAVAKWAKAIP 582
QY 728 GFRNLHVDQOMAVTOYSWMLGVFMGWSFTNVNSRMLYFAPDLVFNRYMRHKSMTYSQ 787
Db 583 GFRNLHDDQMTLLQVSWPELMFALGWSRYQSSANLFCFAPDLITINEQRTMLPCMVDQ 642
QY 788 CVMRHLHSQBFGLWITPQEFCLMKALLFLSIPTVDGLKNOKFDELRNLIKELDRILIA 847
Db 643 CKHMLYVSSELHLQVSYEYLCKMTLLLSVYPKDGKLSQELFELRMTYIKELGKRAIV 702

QY 848 CKRKNPTSCSRFYQTLTKLLDSVQPIARELHOFTFDLLIKSHWVSVDPEMAIISVQV 907
Db 703 KRGNSNQWQRYQTLTKLLDSMHEVNNLLNYCFQTFDLKTM-STIEPPELAEITNQI 761
QY 908 PKILSGVKVPYIPH 921
Db 762 PRYSNGNIRKLLFH 775
RESULT 12
US-08-980-115-13
Sequence 13, Application US/08980115
Patent No. 6266622
GENERAL INFORMATION:
APPLICANT: Scanlan, Thomas S.
APPLICANT: Baxter, John D.
APPLICANT: Fletcher, Robert J.
APPLICANT: Wagner, Richard L.
APPLICANT: Kushner, Peter J.
APPLICANT: Ariletti, James W.
APPLICANT: West, Brian L.
APPLICANT: Shiau, Andrew K.
TITLE OF INVENTION: NUCLEAR RECEPTOR LIGANDS AND LIGAND BINDING DOMAINS
FILE REFERENCE: UCAL-246/02US
CURRENT APPLICATION NUMBER: US/08/980,115
CURRENT FILING DATE: 1997-11-26
EARLIER APPLICATION NUMBER: 08/764,870
EARLIER FILING DATE: 1996-12-13
EARLIER APPLICATION NUMBER: 60/008,606
EARLIER FILING DATE: 1995-12-14
EARLIER APPLICATION NUMBER: 60/008,543
EARLIER FILING DATE: 1995-12-13
EARLIER APPLICATION NUMBER: 60/008,540
EARLIER FILING DATE: 1995-12-13
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 13
LENGTH: 777
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: DOMAIN
LOCATION: (506)..(762)
OTHER INFORMATION: minimal ligand binding domain
US-08-980-115-13

Query Match 21.2%; Score 1042; DB 4; Length 777;
Best Local Similarity 32.6%; Pred. No. 9.4e-69;
Matches 298; Conservative 95; Mismatches 255; Indels 266; Gaps 31;
QY 121 POSALECHPERGCVPE-----PGAAVAASKGLPOOLPA----- 153
Db 15 PSSVLA--QERGDVMDYKTLRGATVKVSASSPSLAVASQSDSKORLLVDFPKGSVSN 72
QY 154 --PPDEDDSAAPSTLSLLGPT-----FP-----GLSSCSADLKDIILSEASTMQLL 196
Db 73 AQCPDLKSAVLSMGLYMETETKVMNDLGPQQOQISLSSETDLK--LLEESIANL- 129
QY 197 QOOQOEAESGSSGRAREASGAPT-----SSKDNYL-GGTSTISDNK----- 239
Db 130 --NRSTSVPENPKSSASTAVSAAPTEKEFPKTHSDVSEQHKLKGQTGTNGNVKLYTDD 187
QY 240 ----ELCKAVSMGLGVEALEHLSPEQL-----RGD-----CMYAPLGVPPAVRPT 284
Db 188 QSTFDILQLEFSSG-----SPGKETNESPWRSOLLIDENCLLSPLAGE----- 231
QY 285 PCAPLAECKGSLDDDS---AGKSTEDTAETSPFKGYTKGLESGSGSAAAGSGTL 341
Db 232 ----DDSFLEGNSED-----CK-----PL 248
QY 342 ELPSTLSLYKSGALDEAAAYQSDYINPEPLALAGPPPPPPPPHARIKLENPLDYGSAW 401
Db 249 ILPDTKPKIKD-----NGDLVLSPPSNVTLF-----QVKTEKEDFIELCT 288

Fri May 9 14:20:42 2003

QY 402 AAAAAQCRGDI---ASLHGAGAAGPGSGSPSAAASSSWHTLFTAERGQLYGPGCGGGG 458
Db 289 PGVIRKELGTVCQASFPGANILG-----NKMSAISVHGVS----- 327
QY 459 GGGGGGGGGGGGGGGEAGNAVAPYGYRPPQGLAGDESFTAPDV-----W-- 506
Db 328 -----GGQM-----YHDMNTASLSQODQOKPIFNPIPPVGSNNWR 366
QY 507 -----YPGVMVSRVPYPTCVKSEMGPMWDSYSGPYGDMRLTARDHV 550
Db 367 CQSGDDNLTSLTNFGRVFSNGYSSPS-----MRP--DVSSPPSSSTATG--- 415
QY 551 LPIDYFPQKCLICGDBASCHYGALTCGSKVFFKRAAEGKQKYLCSARNCTTDKF 610
Db 416 -----PPPKLCLVGSDEASCHYGLTCGSKVFFKRAVEGQHNYLCAGRNDCIIDKI 468
QY 611 RRNCPSCLRKYEAGMTLGARKLKLGNLKLOEGEASSTTSPTTEQTQ---KLTVSH 667
Db 469 RRNCPSCLRKYEAGMTLGARKLKLGNLKLOEGEASSTTSPTTEQTQ---KLTVSH 667
QY 668 IEGYECOPFLNVAIEPGVVCAGHNNOPDSFAALLSSNELGEROLVHVVKWAKALP 727
Db 523 ATLQPTPTLVSLEIEVEVLVAGYDSSVPDSTWRIMTTLNMLGGROVIAAVKWAIP 582
QY 728 GFRNLHVDDQMAVIOYSWGLVFMFGWSEFTNVSRLYFAPDLVENEYRMHKSRLYSQ 787
Db 583 GFRNLHVDDQMAVIOYSWGLVFMFGWSEFTNVSRLYFAPDLVENEYRMHKSRLYSQ 787
QY 788 CVMRHLSSQFGLQITPOEFLCMKALLFSIIPVGLGNKQFFDELNMNYIKELDRIIA 847
Db 643 CKHMLVYSSELHRLVSYEYELCKMTLLLSVPKDLKQSELFDEIRMTYIKELGKAI 702
QY 848 CKRNPTSCRRFVQLTKLSDVQPTARELHQFTDILLKSHMSVDPPEMMAEIIISQV 907
Db 703 KREGNSQNRQFVQLTKLSDVQPTARELHQFTDILLKSHMSVDPPEMMAEIIISQV 907
QY 908 PKILSGVKVPYFH 921
Db 762 PKYSNGNIKKLLFH 775
RESULT 13
5223606-7
; Patent No. 5223606
; APPLICANT: BLAUDIN DE THE, HUGHES, MARCHIO, AGNES, TIOLLAIS,
; PIERRE, DEJEAN, ANNE
; TITLE OF INVENTION: STEROID/THYROID HORMONE RECEPTOR-RELATED
; PROTEIN INAPPROPRIATELY EXPRESSED IN HUMAN HEPATOCELLULAR CARCINOMA
; NUMBER OF SEQUENCES: 11
; CURRENT APPLICATION DATA:
; FILING DATE: 17-DEC-1987
; PRIOR APPLICATION DATA:
; SEQ ID NO.: 7
; LENGTH: 356
5223606-7

Query Match 19.5%; Score 959.5; DB 6; Length 356;
Best Local Similarity 52.1%; Pred. No. 4e-63;
Matches 189; Conservative 62; Mismatches 99; Indels 13; Gaps 6;
QY 563 CLICGDEASGCHYGALTCGSKVFFKRAAEGKQKYLCSARNCTTDKFRKNCPSCLRKL 622
Db 1 CLVCSDEASGCHYGALTCGSKVFFKRAAEGKQKYLCSARNCTTDKIRKNCPCAKYRK 60
QY 623 CYEAGMTLGARKLKLGNLKLOEGEASSTTSPTTEQTQ---KLTVSHIEGYECQIFLN 679
Db 61 CLQAGNLEARTKK-----KIKIQQATTGVSQETSENPGNKTIVPATLPTPLVS 114
QY 680 VLEATEPGVVCAGHNNOPDSFAALLSSNELGEROLVHVVKWAKALPGFRNLHVDDQMA 739
Db 115 LLEIEVEVLVAGYDSSVPDSTWRIMTTLNMLGGROVIAAVKWAIPGFRNLHVDDQNT 174

QY 740 VIOYSWGLVFMFGWSEFTNVSRLYFAPDLVENEYRMHKSRLYSQVPMHLSQEPFG 799
Db 175 LLOYSWGLVFMFGWSEFTNVSRLYFAPDLVENEYRMHKSRLYSQVPMHLSQEPFG 799
QY 800 WLOITPQBFCLMKALLFSIIPVGLGNKQFFDELNMNYIKELDRIIACKRNPTSCS-R 858
Db 234 RLOVSYEYELCKMTLLLSVPKDLKQSELFDEIRMTYIKELGKAIV-KREGLSQNWQ 292
QY 859 RYQVLTKLSDVQPTARELHQFTDILLKSHMSVDPPEMMAEIIISQVFKILSGVKVPI 918
Db 293 RYQVLTKLSDVQPTARELHQFTDILLKSHMSVDPPEMMAEIIISQVFKILSGVKVPI 918
QY 919 YFH 921
Db 352 LFH 354
RESULT 14
US-09-041-886-32
; Sequence 32, Application US/09041886
; Patent No. 6235872
; GENERAL INFORMATION:
; APPLICANT: Bredesen, Dale E.
; APPLICANT: Rabizadeh, Sharroo
; TITLE OF INVENTION: Proapoptotic Peptides, Dependence
; NUMBER OF SEQUENCES: 72
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/041,886
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathlyn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 2626
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 154 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-09-041-886-32

Query Match 16.2%; Score 795; DB 4; Length 154;
Best Local Similarity 95.1%; Pred. No. 1.8e-51;
Matches 154; Conservative 0; Mismatches 0; Indels 8; Gaps 1;
QY 1 MEVLGLGRVYPRPPTKTYRGAFONLFQSVREVIONPGRPHPEAASAPPGASLLILQOO 60
Db 1 MEVLGLGRVYPRPPTKTYRGAFONLFQSVREVIONPGRPHPEAASAPPGASLLILQOO 60
QY 61 QQQ 120
Db 58 -----QQ 112
QY 121 PQSALCEHPERGCVPEPCAAVAASKGLPQOLPAPPPDDSDAA 162

Db 113 POSALECHPERGCVPEPGAAVAASKGLPQQLPAPPPEDDSAA 154

RESULT 15

US-08-875-223-8
; Sequence 8, Application US/08875223
; Patent No. 6127175
; GENERAL INFORMATION:
; APPLICANT: VIGNE, Emmanuelle
; APPLICANT: PERRICAUDET, Michel
; APPLICANT: DEDIEU, Jean-Francois
; APPLICANT: ORSINI, Cecile
; APPLICANT: YEH, Patrice
; APPLICANT: LATTA, Martine
; APPLICANT: PROST, Edoard
; TITLE OF INVENTION: CELLS FOR THE PRODUCTION OF RECOMBINANT
; TITLE OF INVENTION: ADENOVIRUSES
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,223
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 95/00747
; FILING DATE: 20-JAN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 95/06532
; FILING DATE: 01-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 95/10541
; FILING DATE: 08-SEP-1995
; APPLICATION DATA:
; APPLICATION NUMBER: FR WO FR96/00088
; FILING DATE: 19-JAN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Fehlner Esq., Paul F.
; REGISTRATION NUMBER: 35,135
; REFERENCE/DOCKET NUMBER: ST95005G1-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-3839
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 534 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-875-223-8

Query Match 13.1%; Score 644.5; DB 3; Length 534;
Best Local Similarity 51.3%; Pred. No. 1.3e-39;
Matches 122; Conservative 46; Mismatches 69; Indels 1; Gaps 1;
QY 684 IEPGVVCAHDNNQPSFAALLSSNLGELQVHVHVKWAKALPGFRNLHVDDOMAVIQY 743
Db 3 IEPVLYAGYDSSVPDSTWRIMTLNMLGGQVIAAVKAKAIPGFRNLHLDQDTLLQY 62
QY 744 SWMLVMFAMGWSFTNVSRLYFAPDLVFNEMKHSRMYSOCVRRHLSQEFGLQI 803
Db 63 SWMLFALFALGNRSYQSSANLILCFAPDLIINEQRMTLPCMYDQCKHMLYVSSSELRLQV 122

QY 804 TPQEFELCMKALLFSIIPVDGLKNQKFFDELRMNYIKELDRITACKKNPFGSGSREYOL 863
Db 123 SYEYLCKMTLLLSVYPKDGAKSQELFDEIRMTYIKELGKAIVKREGNSSQNWQRFYOL 182
QY 864 TKLLDSVQPIARELHQFTFDLLIKSHMVSVDFFEMMAEIIISVOVPKILSGKVKPIYFH 921
Db 183 TKLLDSMHVEVENLLNYCFQTFDLKTM-SIEFFPEMLAEITNQIPKYSNGNIKLLFH 239

Search completed: April 28, 2003, 13:52:56
Job time : 28 secs

